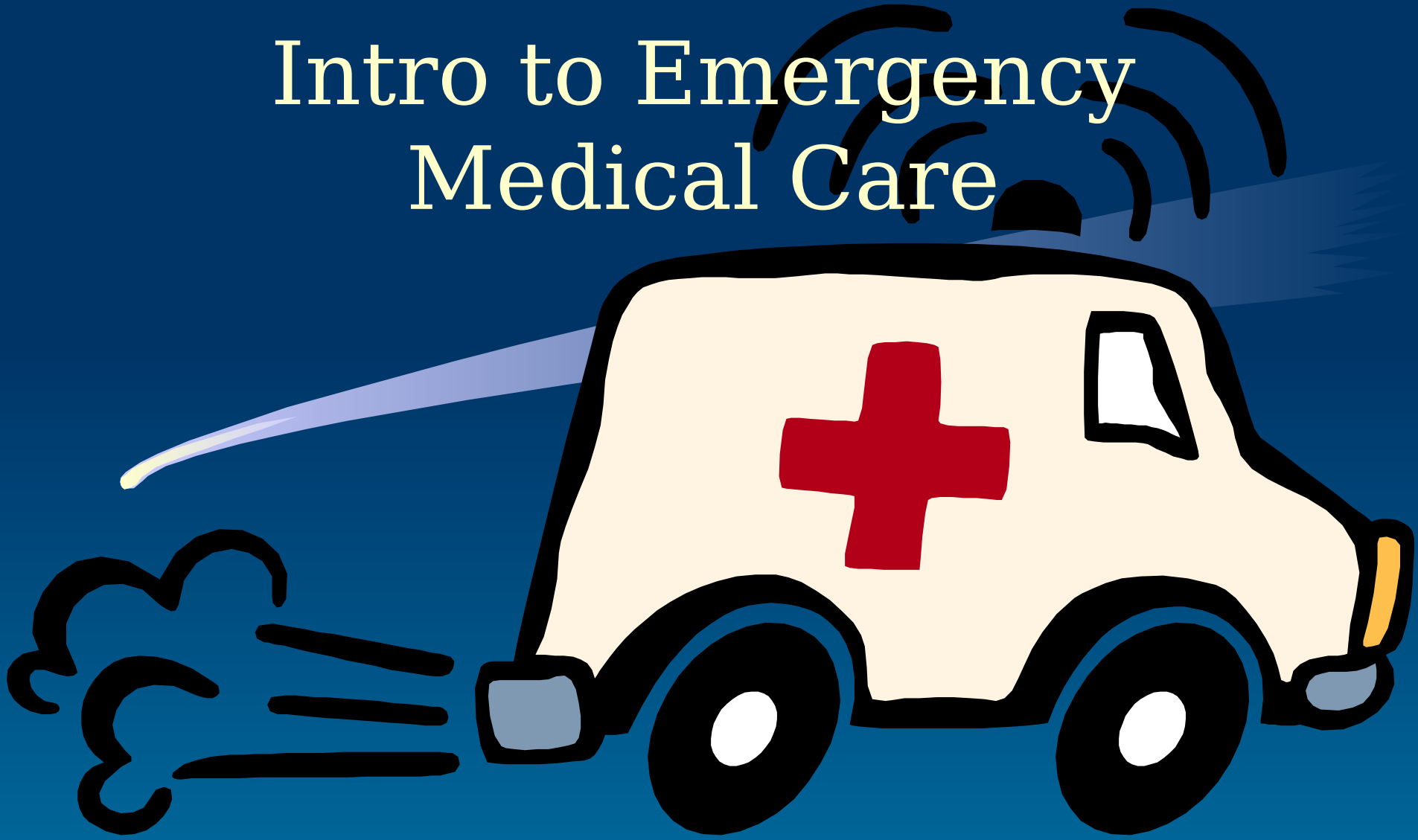
Intro to Emergency Medical Care



OBJECTIVE

Identify the roles and responsibilities with the Emergency Medical Services (EMS).

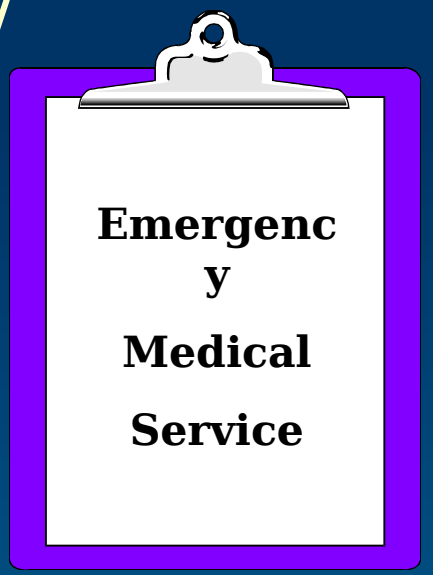
LESSON OVERVIEW

- Course Overview
- The EMS System and the EMT-B

Let's start with Course Overview!

- Paperwork
- Course Description
- Immunizations / Physical Exa
- Review Criteria for Certifica
- Implementation of ADA
- Implementation on State and Local Policies

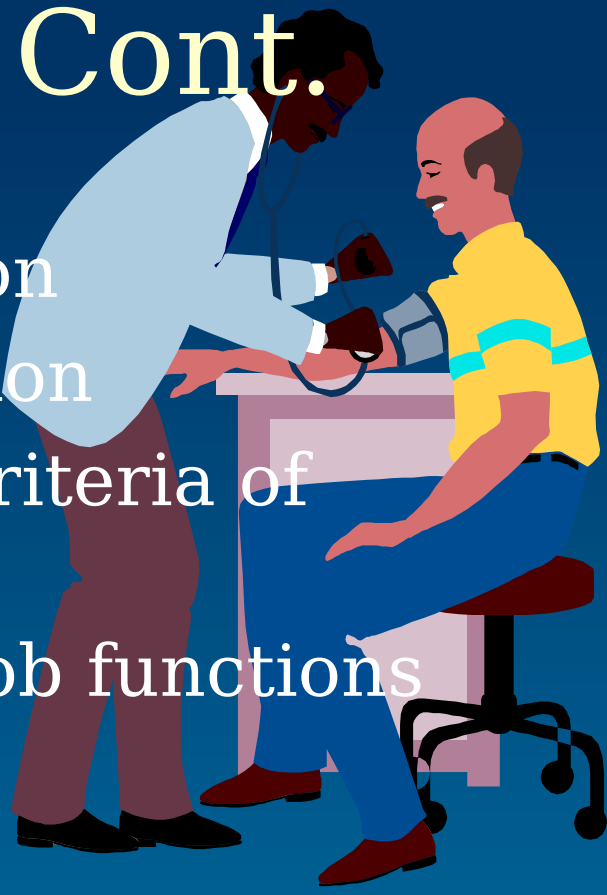
Course Overview



- Paperwork
  - Local
  - State
- Course description and expectations
- Immunizations/physical exam

Course Overview Cont.

- Review criteria for certification
  - Successful course completion
  - Mentally/physically meet criteria of safe
    and effective practice of job functions
  - Written examination
  - Practical examination
  - State and local provisions



Course Overview Cont.

- Implications of Americans with Disabilities Act (ADA) - state and local policies
- Implications of harassment - state and local policies

The EMS System and the EMT-B

- Overview of the EMS System
- Roles and Responsibilities of the EMT-B
- Professional Attributes
- Quality Improvement
- Medical Direction

Overview of the Emergency Medical Services System

- National Highway Traffic Safety Administration Technical Assistance Program Assessment Standards
  - Regulation and policy
  - Resource management

Overview of the Emergency Medical Services System Cont.

- Human resources and training
- Transportation
- Facilities
- Communications
- Public information and education
- Medical direction
- Trauma systems
- Evaluation

Overview of the Emergency Medical Services System Cont.

- Access to the system
  - 9-1-1
  - Non 9-1-1
- Levels of training
  - First Responder
  - EMT-Basic
  - EMT-Intermediate
  - EMT-Paramedic

Overview of the Emergency Medical Services System Cont.

- The health care system
  - Emergency departments
  - Specialty facilities
    - Trauma centers
    - Burn centers
    - Pediatric centers
    - Poison centers
    - Other specialty centers - locally dependent

Overview of the Emergency Medical Services System Cont.

- Hospital personnel
  - Physicians
  - Nurses
  - Other health professionals

Overview of the Emergency Medical Services System Cont.

- Liaison with other public safety workers
  - Local law enforcement
  - State and federal law enforcement
- Overview of the local EMS system

Roles and Responsibilities of the EMT-Basic

- Personal safety
- Safety of crew, patient and bystanders
- Patient assessment
- Patient care based on assessment findings

The EMS System and the EMT-B Cont.

- Lifting and moving patients safely
- Transport/transfer of care
- Record keeping/data collection
- Patient advocacy (patient rights) - patient as a whole

Professional attributes

- Appearance
  - Neat
  - Clean
  - Positive image

The EMS System and the EMT-B Cont.

- Maintains up-to-date knowledge and skills
  - Continuing education
  - Refresher courses

The EMS System and the EMT-B Cont.

- Puts patient's needs as a priority without endangering self.
- Maintains current knowledge of local, state, and national issues affecting EMS.

Quality Improvement

Definition -

a system of internal/external reviews and audits of all aspects of an EMS system so as to identify those aspects needing improvement to assure that the public receives the highest quality of prehospital care.

Quality Improvement Cont.

- The role of the EMT-B in quality improvement
  - Documentation
  - Run reviews and audits
  - Gathering feedback
  - Conducting preventative maintenance
  - Continuing education
  - Skill maintenance

Medical Direction

- Definition
  - A physician responsible for the clinical and patient care aspects of an EMS system.
  - Every ambulance service/rescue squad must have physician medical direction.

Medical Direction Cont.

- Types of medical direction
  - On-line
    - Telephone
    - Radio
  - Off-line
    - Protocols
    - Standing orders
- Responsible for reviewing quality improvement

Medical Direction Cont.

- The relationship of the EMT-Basic to medical direction
  - Designated agent of the physician
  - Care rendered is considered an extension of the medical director's authority.

Summary

- Course Overview
  - Paperwork
  - Course Description
  - Immunizations / Physical Exam
  - Review Criteria for Certification
  - Implementation of ADA
  - Implementation on State and Local Policies

Summary

- The EMS System and the EMT-B
  - Overview of the EMS System
  - Roles and Responsibilities of the EMT-B
  - Professional Attributes
  - Quality Improvement
  - Medical Direction

Questions???